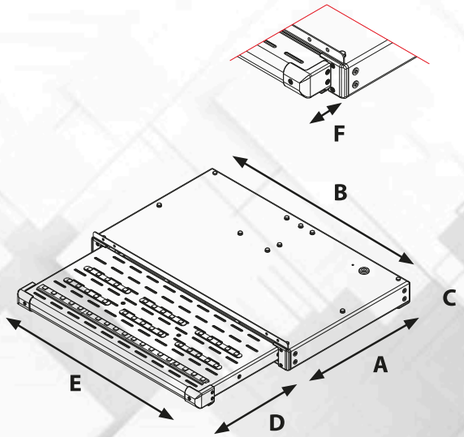
Watch the video

MODEL	A	B	C	D	E	F	WEIGHT (KG)
STEP P35-E45	355	550	67	280	450	63	23
STEP P35-E60	355	700	67	280	600	63	26
STEP P35-E80	355	900	67	280	800	63	30
STEP P35-E110	355	1200	67	280	1100	63	36



ELECTRIC STEP

The electric step has been designed to solve the frequent problems that over time compromise the operation of this type of product, caused by the positioning under the vehicle floor and the consequent exposure to all adverse weather conditions such as water, ice, mud, dust etc..
In the design, the solution with external container was chosen, covering both the step and all the moving mechanical parts, for greater protection of operation.

The innovative design solutions of FADIEL are:

- Electric motor, microswitch and all the mechanical parts that move the exit step, positioned in the upper part of the container with a sheet metal bulkhead, to guarantee greater protection from water.

- Mechanical friction between the engine and the step gears. This unique solution makes it possible to mechanically determine the step exit force (and therefore safety of people).
In the event of engine or electrical system failure, emergency re-entry can simply be done with a manual push by the user equivalent to the predetermined force for the exit.

- Rubber gaskets which, when the step is retracted, interpose between the step and the container to increase the seal.

- Holes located in the lower crosspiece of the container to ensure effective drainage of any water infiltration.

- Electrical system with external watertight connectors, including the rubber cable for the discharge of the electric cable from the container.

- Nylon terminals to protect people, located at the two outer ends of the step, printed in yellow for visibility during daylight hours and LED backlit for better visibility even at night or in low light conditions.

- Container made of galvanized sheet, aluminum frame and step. The latter is equipped with a non-slip trampling surface with the addition of nylon couplings in order to increase the anti-slip effect even in extreme conditions. All treated with powder coating for greater durability against atmospheric agents. The container can also be supplied in stainless steel.

The electric step is available in the following sizes, all with a thickness of only 6.7 cm:

- Width of 45/60/80/110 cm, with 35 cm depth and 28 cm tread.

On request, step with a depth of 300 mm is available.